

a2 temporary data entities may depend on other data entities that provided the inputs to the prior calculation entity. Thus, the connecting arcs from the data entities directed to the temporary data entities are deleted. This is an important step because a calculation entity that has been converted to a temporary data entity in the sub-model can't depend on another data entity because it is now a data entity itself.

IN THE CLAIMS

Applicants include herewith an Attachment for Claim Amendments showing the amended claims in which underlines indicate insertions and brackets indicate deletions.

Please amend claims 2, 8 and 14 as follows:

a3 2. (Amended) The method according to claim 1 further comprising the step of deleting connecting arcs directed to the temporary data entities.

a4 8. (Amended) A method of analyzing a sub-model of a full system model, said method comprising the steps of:

defining the sub-model as a collection of entities;

determining which of the entities in the sub-model are calculation entities and which are data entities;